

Mineral Industry Surveys

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GYPSUM IN AUGUST 2005

Producers mined 1.63 million metric tons (Mt) of gypsum in August 2005 (table 1). Output was 3% more than that of July 2005 and 7% more than that of August 2004. Synthetic gypsum production was 864,000 metric tons (t) in August 2005 (table 1), which was 6% more than that of July 2005, and 19% more than that of August 2004. Both mined and synthetic gypsum are used as raw material for wallboard. The wallboard industry is the largest domestic consumer of gypsum. During January through July 2005 synthetic gypsum accounted for 5.30 Mt, or about 24%, of the 21.9-Mt supply of gypsum in the United States. Sales of uncalcined gypsum, mainly for portland cement manufacture and for agricultural uses, were 531,000 t (table 2), 21% less than that of July 2005 and 10% less than that of August 2004.

Output of calcined gypsum for August (table 1) was 2.11 Mt, slightly less than that of July 2005 and 9% more than that of August 2004. Sales of board products were about 3.3 billion

square feet (303 million square meters), 13% more than that of July 2005 and 11% more than that of August 2004.

U.S. Government import and export data for August 2005 were not available at the time of publication. According to the U.S. Census Bureau, imports of crude gypsum in July 2005 were 922,000 t (table 3), 5% less than that of July 2005 and 9% less than that of July 2004. Gypsum wallboard imports, principally from Mexico, for July 2005 were 58,000 t, equivalent to 70 million square feet (6.5 million square meters). These imports were 8% less than that of June 2005 and 12% more than that of July 2004. Wallboard exports to 29 countries and territories in July 2005 were 6,000 t, equivalent to 7.2 million square feet (668,000 square meters). These exports were about the same as that of June 2005 and 13% less than those of July 2004.

All percentages in this report were computed based on unrounded data.

TABLE 1
GYPSUM SUPPLY^{1, 2}

(Metric tons)

	2005			2004
	August	July	January-August	January-August
Crude:				
Mined ³	1,630,000	1,580,000	12,000,000	11,100,000
Imported ⁴	NA	922,000	NA	6,470,000
Synthetic gypsum ⁵	864,000	816,000	6,170,000	5,740,000
Total supply	NA	3,320,000	NA	23,300,000
Crude, exported ⁴	NA	9,060	NA	95,100
Consumption	NA	3,310,000	NA	23,200,000
Calcined:				
Produced	2,110,000	2,120,000	16,100,000	14,000,000
Imported ⁶	NA	814	NA	3,370
Total supply	NA	2,120,000	NA	14,000,000
Exported ⁶	NA	10,900	NA	251,000
Consumption	NA	2,110,000	NA	13,800,000

NA Not available.

¹Includes data from the Gypsum Association.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Some data were estimated from semiannual reports.

⁴Import and export data are for "Gypsum; anhydrite," Harmonized Tariff Schedule 2520.10.0000.

⁵Reported production only.

⁶Import and export data are for "Plaster," Harmonized Tariff Schedule 2520.20.0000.

TABLE 2
GYPSUM SOLD OR USED BY PRODUCERS, BY USE^{1, 2}

(Metric tons, unless otherwise specified)

	2005			2004
	August	July	January-August	January-August
Uncalcined: ³				
Portland cement	292,000	420,000	2,560,000	2,650,000
Agriculture and miscellaneous	239,000	249,000	1,800,000	1,240,000
Total	531,000	668,000	4,360,000	3,890,000
Calcined:				
Board products ⁴	2,730,000	2,410,000	20,000,000	19,000,000
Plaster	14,000	12,800	109,000	112,000
Total	2,740,000	2,430,000	20,100,000	19,100,000
Board products: (Thousand square feet) ⁵				
Regular board	2,000,000	1,780,000	14,700,000	13,900,000
Type X board	970,000	850,000	7,060,000	6,790,000
Other	297,000	263,000	2,170,000	2,090,000
Total supply	3,270,000	2,900,000	24,000,000	22,800,000

¹Includes data from the Gypsum Association.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Does not include synthetic gypsum from electric power plants.

⁴Includes weight of paper and other materials.

⁵One square meter equals 10.78 square feet.

TABLE 3
CRUDE GYPSUM IMPORTED FOR CONSUMPTION¹

(Metric tons)

Country of origin	2005			2004
	July	June	January-July	January-July
Austria	--	--	--	8
Bahrain	--	--	7	--
Canada	659,000	678,000	3,660,000	3,910,000
China	--	--	16	41,300
Costa Rica	--	--	--	53
Denmark	19	15	15	--
Dominica	--	--	2	--
Dominican Republic	11,500	28,300	94,000	77,800
France	--	--	17	--
Germany	20	--	60	--
Italy	--	--	1	26,900
Jamaica	--	21,500	43,100	19,200
Japan	--	--	--	3
Mexico	208,000	231,000	1,220,000	1,220,000
Peru	--	--	80	--
Spain	43,400	14,200	342,000	436,000
Sweden	--	--	40	--
United Kingdom	21	--	--	21
Total	922,000	972,000	6,290,000	5,730,000

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.

TABLE 4
CRUDE GYPSUM IN THE UNITED STATES^{1,2}

(Thousand metric tons)

Period	Consumption ³	Production ⁴	Imports ⁵	Exports ⁵
2004:				
August	2,240	1,520	735	9
September	2,220	1,390	835	12
October	2,400	1,460	954	14
November	2,360	1,460	920	13
December	2,420	1,480	958	14
January-December	26,900	16,900	10,100	149
2005:				
January	2,220	1,460	770	14
February	2,190	1,460	755	17
March	2,400	1,470	964	27
April	2,320	1,420	909	12
May	2,800	1,820	994	11
June	2,580	1,620	972	10
July	2,500	1,590	923	9
August	NA	1,630	NA	NA

NA Not available.

¹Excludes synthetic gypsum.

²Data are rounded to no more than three significant digits.

³Consumption calculated by adding the production and imports shown in this table and subtracting the exports shown in this table. Monthly inventory changes are not included.

⁴Production data are from the semiannual gypsum canvasses of the non-wallboard producers, annual canvass of all producers, and from monthly data furnished by the Gypsum Association from the wallboard producers.

⁵Data from U.S. Census Bureau.

TABLE 5
SALES OF GYPSUM BOARD PRODUCTS, BY SALES REGIONS^{1,2}

(Thousand square feet)³

	New England	Middle Atlantic	E. North Central	W. North Central	South Atlantic	E. South Central	W. South Central	Mountain	Pacific	Exports	Total
2005:											
August:											
Veneer base	26,400	2,100	8,300	686	9,630	15	37	271	1,610	85	49,100
Sheathing	1,960	4,690	5,770	7,040	20,400	3,560	12,500	6,530	9,710	1,340	73,500
Regular gypsum board	43,800	152,000	241,000	126,000	589,000	142,000	242,000	205,000	230,000	33,300	2,000,000
Type X gypsum board	28,600	90,800	138,000	72,800	164,000	31,500	91,400	128,000	217,000	7,990	970,000
Predecorated board	400	682	989	504	1,680	412	967	450	641	84	6,810
5/16 Mobile home board	--	1,240	5,140	--	10,500	11,500	6,610	125	806	39	36,000
Water/moisture resistant board	5,480	22,200	15,900	6,760	31,200	5,360	11,600	11,200	17,400	4,640	132,000
Total	107,000	274,000	416,000	214,000	826,000	194,000	365,000	351,000	477,000	47,500	3,270,000
January- August:											
Veneer base	203,000	17,800	60,600	6,110	74,500	214	352	2,080	11,200	374	377,000
Sheathing	11,700	35,300	40,700	48,200	131,000	23,300	94,900	50,000	71,800	9,040	516,000
Regular gypsum board	333,000	1,150,000	1,740,000	911,000	4,380,000	1,020,000	1,770,000	1,490,000	1,670,000	252,000	14,700,000
Type X gypsum board	216,000	692,000	985,000	535,000	1,210,000	251,000	716,000	882,000	1,520,000	55,800	7,060,000
Predecorated board	2,470	5,170	7,380	3,530	10,700	2,870	7,220	2,810	4,760	375	47,300
5/16 Mobile home board	--	5,500	35,300	--	78,300	93,600	49,300	1,120	5,240	116	268,000
Water/moisture resistant board	42,600	162,000	118,000	50,600	224,000	39,000	88,200	80,400	130,000	30,500	965,000
Total	809,000	2,070,000	2,990,000	1,550,000	6,110,000	1,430,000	2,730,000	2,510,000	3,410,000	348,000	24,000,000

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Sales region equivalent to U.S. Census Bureau Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT); Middle Atlantic (NJ, NY, PA); East North Central (IL, IN, MI, OH, WI); West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DC, DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).

³One square meter equals 10.78 square feet.

Source: Gypsum Association.